Attorney's Docket No.: 11377-019001

Applicant: N. Garison Ruggles

Serial No.: 10/053,501

November 2, 2001

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Claim (original): A composition according to claim 1 wherein said cationic surfactant comprises a pyridinium compound.

(original): A composition according to claim wherein said pyridinium compound comprises cetyl pyridinium chloride.

Claim 9 (original): A composition according to claim 1 further comprising an oligosaccharide.

Claim 10 (original): A composition according to claim 1 or 9 further comprising a divalent metal cation.

Claim 11 (original): A composition according to claim 10 wherein said divalent metal cation is selected from the group consisting of copper, zinc, selenium, calcium and magnesium.

Claim 12 (original): A composition according to claim 9 wherein said oligosaccharide is selected of the group consisting of fructo oligosaccharides, soy oligosaccharides and inulin.

Please cancel claims 4, 5, 8 and 13-35 as directed to non-elected inventions or species.

Claim 36 (amended): A method for reducing plaque formation on tooth enamel, dentine, and soft tissue in the oral cavity comprising the step of contacting said enamel, dentine and tissue with an anti-plaque reducing effective amount of a composition according to claim 1.

REMARKS

Claims 1-3, 6, 7, 9-12, and 36 are in the application. Claims 4, 5, 8 and 13-35 have been cancelled as directed to a non-elected invention or species. Claims 1, 3 and 36 have been amended. No claim is allowed.

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has similar disclosures regarding the surfactants and other effective ingredients at column 5, line 62-column 6, line 12 and column 6, lines 28-34. In Yamagishi, none of the examples 1-11, disclose an oral composition containing both a water-insoluble extract of G. glabra and an ionic surfactant. Similarly, none of the examples 1-9 in Oshino disclose an oral composition containing a water-insoluble extract of G. glabra and a cationic surfactant.

Accordingly, it is submitted that none of the references relied upon anticipate the subcombination of a water-insoluble extract of G. glabra and a cationic surfactant for oral use as an anti-odor and anti-plaque composition. It is therefore respectfully requested that this rejection be withdrawn and that this application be passed to issue.

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be allowed. Enclosed is a check for the Petition for Extension of Time fee in the amount of \$465. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Reg. No. 28,172

Date: 1 thruary 28,2003

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Version with markings to show changes made

In the claims:

Claims 1, 3 and 36 have been amended as follows:

1. An aqueous composition for oral use comprising:

- an anti-odor and anti-plaque [active component selected from the group consisting of an] water-insoluble extract of Glycyrrhiza glabra [, an extract of Usnea spp., an anti-odor and anti-plaque component of said extracts, and mixtures thereof];
- d) a [surfactant selected from the group consisting of] cationic surfactant [s and nonionic surfactants and mixtures thereof].
- 3. A composition according to claim 1 wherein said <u>extract contains an</u> anti-odor and anti-plaque active component [of an extract of *Glycyrrhiza* glaba] is selected from [a] <u>the</u> group consisting of glabrins, licochaleones, glycyrrhizic acid, glycyrrhetinic acid and other flavonoids and coumarins.
- 36. A method for reducing plaque formation on tooth enamel, dentine, and soft tissue in the oral cavity comprising the step of contacting said enamel, dentine and tissue with an antiplaque reducing effective amount of a composition according to claim 1 [13, 26 or 31].

